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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Cairns *et al.*

Serial No.: 10/800,167

Patent Pending

Filed: March 12, 2004

Group Art Unit: 2631

For: Method and Apparatus for Parameter Estimation
in a Generalized RAKE Receiver

Confirmation No.: 9086

MAIL STOP AMENDMENT
Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.56, counsel wishes to make of record the attached items of information for the Examiner's consideration in connection with this application. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office mailed October 26, 2004, which is less than 3 months from this filing. Also enclosed are Forms PTO/SB/08A and PTO/SB/08B for the Examiner's convenience in making such consideration of record. Inclusion herein of any particular item of information is not to be construed as an admission that same is prior art.

The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 18-1167.

Respectfully submitted,

David E. Bennett
Registration No. 32,194

Date: November 8, 2004
File No.: 4015-5161

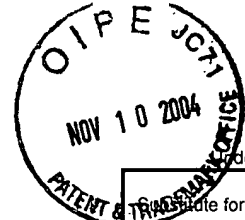
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| | | | | Application Number | 10/800167 |
| | | | | Filing Date | March 12, 2004 |
| | | | | First Named Inventor | Cairns |
| | | | | Art Unit | 2631 |
| Sheet | 1 | of | 2 | Examiner Name | |
| | | | | Attorney Docket Number | 4015-5161/P18204-US1 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | 1 | EP 1392000 A1 | 02-25-2004 | Ericsson Inc. | | |
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| | | | | Application Number | 10/800167 | |
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| | | | | First Named Inventor | Cairns | |
| | | | | Art Unit | 2631 | |
| Examiner Name | | | | | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | 4015-5161/P18204-US1 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | 2 | TANTIKOVIT et al., "Joint Multipath Diversity Combining and MLSE Equalization (Rake-MLSE Receiver) for WCDMA Systems," 51 st IEEE Vehicular Technology Conference Proceedings, May 15, 2000, pp. 435-439, Vol. 1 of 3. | |
| | 3 | TANTIKOVIT et al., "On Combining Schemes for W-CDMA RAKE Reception in the Presence of Interpath Interference," 3 rd IEEE Signal Processing Workshop on Signal Processing Advances in Wireless Communications, March 20, 2001, pp. 5-8. | |
| | 4 | TANTIKOVIT et al., "A Unified View of RAKE Reception and Its Application on Receiver Designs for Multimedia Capable Mobile Terminals in W-CDMA," IEICE Trans. Commun., October 2002, pp. 1944-1*56, Vol. E85-B, No. 10. | |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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